

Title (en)  
AGGREGATION FRAMEWORK USING LOW-POWER ALERT SENSOR

Title (de)  
AGGREGATIONSRAHMEN MIT NIEDRIGENERGIEWARNSENSOR

Title (fr)  
INFRASTRUCTURE D'AGRÉGATION UTILISANT UN CAPTEUR D'ALERTE BASSE PUISSANCE

Publication  
**EP 2918062 B1 20180725 (EN)**

Application  
**EP 13795377 A 20131107**

Priority  
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Abstract (en)  
[origin: US2014129866A1] An aggregation framework system and method that automatic configures, aggregates, disaggregates, manages, and optimizes components of a consolidated system of devices, modules, and sensors. Embodiments of the system and method include a low-power alert sensor, a data aggregator module, and an interpreter module. The low-power alert sensor is a sensor that is continuously on and continuously monitoring its environment. The low-power alert sensor acts as a watchdog and triggers other sensors to awaken them from a power-conservation state when there is a change or event that occurs in an environment. The data aggregator module manages the set of sensors within the system and aggregates sensor data obtained from the sensors. The interpreter module then translates the physical data collected by sensors into logical information. Together the data aggregator module and the interpreter module present a unified logical view of the capabilities of the sensors under their control.

IPC 8 full level  
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